

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - RENEWAL

PERMITTEE

Diageo Global Supply
Attn: Timothy A. Murray
901 West 143rd Street
Plainfield, Illinois 60544

<u>Application No.:</u> 73032482	<u>I.D. No.:</u> 197080AAC
<u>Applicant's Designation:</u>	<u>Date Received:</u> June 9, 2005
<u>Subject:</u> Distilled Spirits, Malt Beverage and Ready-To-Drink Plant	
<u>Date Issued:</u>	<u>Expiration Date:</u>
<u>Location:</u> 901 West 143rd Street, Plainfield	

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of a ready-to-drink line (10 storage tanks, 4 blend tanks, 5 bottling tanks, and 1 heels tank), bulk loading, a malt beverage line (4 outside storage tanks, 2 premix tanks, 4 bottling tanks, 9 NMB storage tanks, and filling operations) and a distilled spirits plant (gin processing line, vodka processing line and Smirnoff processing line), one natural-gas-fired-heater, and two natural-gas-fired boilers pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued:
- i. To limit the emissions of air pollutants from the source to less than major source thresholds (i.e., volatile organic material (VOM) to less than 100 tons per year). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
 - ii. To limit the potential emissions of VOM from the source to less than 25 tons/year. As a result, the source is excluded from the requirement of 35 Ill. Adm. Code Part 205, Emission Reduction Market System. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
 - iii. To limit the potential emissions of VOM from the source to less than 25 tons/year. As a result, the source is exempt from the limitations in 35 Ill. Adm. Code Part 218, Subpart TT. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance of a FESOP to this source, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.

- 2a. Operation and total emissions of the distilled spirits plant, malt beverage line, ready-to-drink line, bulk loading and boilers shall not exceed the following limits:

i.

	Production (Gal/Mo)	Production (Gal/Yr)	VOM Emissions (T/Mo)	VOM Emissions (T/Yr)
Operating areas including distilled sprits, malt beverage, ready-to-drink, bulk loading and fugitives	6,722,037	67,220,374	2.41	24.1

The following emission factors shall be used with production numbers to calculate monthly and annual emissions from specific operating areas in comparison to plantwide limits:

Operating Area	Emission Factor (Lb/1000 Gal)
Distilled Spirits	1.48
Malt Beverage	0.18
Ready-to-Drink	0.30
Bulk Loading	0.34

ii. Fuel Combustion:

Natural Gas Fuel Usage (Therms/Year)	Activity	Pollutant	Emission Rate (Lb/mmscf)	Emissions (Tons/Year)
1,170,000	(2) 21.75 mmBtu/hr Boilers and (1) 1.95 mmBtu/hr Water Heater	NO _x	100	5.9
		CO	84	4.9
		PM	7.6	0.4
		VOM	5.5	0.3
		SO ₂	0.6	0.1

- b. These limits define the potential emissions of all beverage operations, and are based on the actual emissions determined from production capacity and standard emission factors.
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.
3. The Permittee shall maintain monthly records of the following items:
- a. Distilled Spirits finished product production (gallons/month and gallons/year);
 - b. Malt Beverage finished product production (gallons/month and gallons/year);
 - c. Ready-to-drink finished product (gallon/month and gallon/year);

- d. Bulk loading production (gallon/month and gallon/year);
 - e. Natural gas usage converted into Therms of fuel (therms/month and therms/year); and
 - f. Monthly and annual VOM emissions with supporting calculations (tons/month and tons/year).
4. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
5. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
6. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

Please note that this permit is revised to incorporate additional equipment as described in construction permit 06020129.

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If you have any questions on this permit, please call John Blazis at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JPB:

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the liquid blending and bottling source operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario that results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, i.e., 100 tons per year of VOM, at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, less proof gallons are used, less fuel is combusted and control measures are more effective than required in this permit.

1. Spirits/Beverage Plant:

VOM Emissions
(Tons/Year)

24.1

2. Fuel Combustion Emissions:

<u>Pollutant</u>	<u>Emissions (Tons/Year)</u>
NO _x	5.9
CO	4.9
PM	0.4
VOM	0.3
SO ₂	0.1

JPB: